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In re Application of

FRANK RUTTKAMMER

Application Number

09/423274

Filed

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Paper No. 11

I hereby request access under 37 CFR 1.14(a)(1)(iv) to the application file record of the above-identified ABANDONED application, which is identified in, or to which a benefit is claimed, in the following document (as shown in the attachment):

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(19) **United States**(12) **Patent Application Publication**
Puttkammer(10) Pub. No.: **US 2001/0054901 A1**(43) Pub. Date: **Dec. 27, 2001**(54) **METHOD OF TESTING DOCUMENTS
PROVIDED WITH OPTICO-DIFFRACTIVELY
EFFECTIVE MARKINGS****Publication Classification**(51) Int. Cl.⁷ **G01R 31/08**(52) U.S. Cl. **324/519**(76) Inventor: **Frank Puttkammer, Coswig (DE)**Correspondence Address:
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86 Sparks Street
Cambridge, MA 02138-2216 (US)(57) **ABSTRACT**(21) Appl. No.: **09/931,694**(22) Filed: **Aug. 16, 2001****Related U.S. Application Data**(63) Continuation-in-part of application No. 09/423,274,
filed on Jan. 27, 2000, now abandoned.(30) **Foreign Application Priority Data**

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The invention relates to a method of examining the authenticity of a document provided with an optico-diffractively effective element or hologram by subjecting the hologram to capacitive coupling of a voltage and deriving a signal representative of the voltage for comparison with a reference signal representative of a hologram of an authentic document.

The method may be improved by providing, between individual segments of the hologram, additional security indicia providing a signal in response to being irradiated by electromagnetic radiation of a predetermined frequency.

